

hTGFBR-II mActR-IIB mActR-II daf-1 subdomains	G G G V LDTLVGKGRFAEVYK LLEIKARGRFGCVWK LLEVKARGRFGCVWK LTGRVGSGRFGNVSR I	aqllndf Aqllney	vavkikplqi Vavkifpioi	okoswosereifs Okoswoneyevys	TPGHOHENLLOF
hTGFBR-II mActR-IIB mActR-II daf-1 subdomains	LTAEERRTELGKOYWI IAAEKRGSNLEVELWI IGAEKRGTSVDVDLWI IGSDRVDTGFVTELWI	LITAFHDKGSLID LITAFHEKGSLSD	Ylkoni i Twr Flkanvvswr	TELCHVAETMSRG TELCHIAETMARG TYYNLMRSTASG	ISYLHEDVPWCR
cons.aa hTGFBR-II mActR-IIB mActR-II daf-1 subdomains	DLK -GRPKMPIVHRDLKSS GEGHKPSIAHRDFKSS -DGHKPAISHRDIKSS -ESNKPAMAHRDIKSS VI-B	NILVKNDLTCCLA NVLLKSDLTAVLI NVLLKNNLTACIA	ADFGLAVRF - ADFGLALKF -	· · EPGKPPGD · · ·	THEOVETTRYMAP

Fig. 1

a.a C C E G N M C

5' GCGGATCCTGTTGTGAAGGNAATATGTG 3' Fig. 2A

BAMHI C C G C

a.a V A V K I F

5' GCGGATCCGTCGCAGTCAAAATTIT 3' Fig. 2B

BamHI G C G G C

T T T A

a.a R D I K S K N

5' GCGGATCCGCGATATTAAAAGCAA 3' Fig. 2C

BAMHI A C C GTCT

G A

a.a E P A M Y

5' CGGAATTCTGGTGCCATATA Fig. 2D

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Fig. 3 contd.

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Fig. 3 contd.

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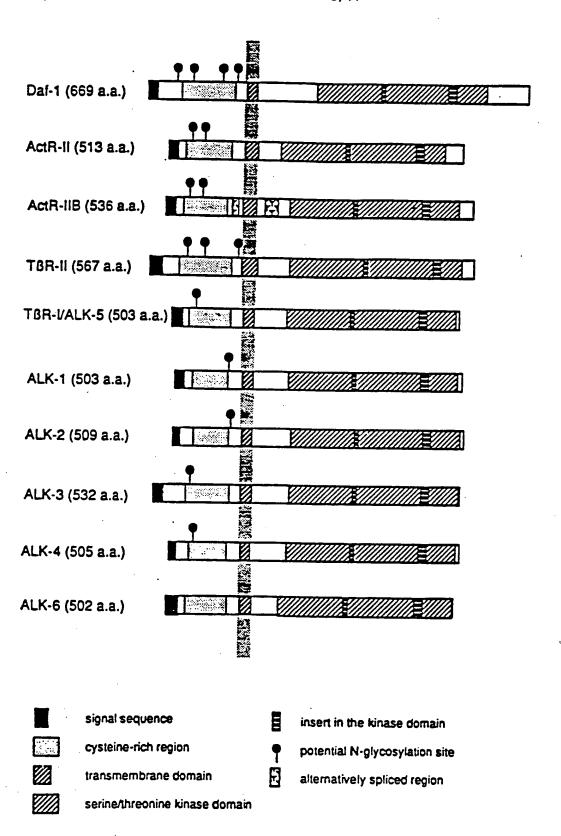


Fig. 4

Fig. 5

	9	/11	
Majority	ALK-1/CR ALK-2/CR ALK-3/CR ALK-4/CR ALK-5/CR ACLR-11/CR ACLR-11/CR ACLR-11B/CR TDR-11/CR	Majority	ALK-1/CR ALK-2/CR ALK-3/CR ALK-4/CR ALK-5/CR ACKR-II/CR ACKR-II/CR DAF-1/CR
C-F	C - T C E S P		YOKEGC

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ALK-2	ALK-3	ALK-4	ALK-5	ActR-II	ActR-IIB	TBR-II	daf-1	
79	60	61	63	40	40	37	39	ALK-1
	63	64	65	41	39	37	39	ALK-2
		63	65	41	38	37	39	ALK-3
			90	41	40	39	42	ALK-4
				42	40	41	43	ALK-5
					78	48	35	ActR-II
					!	47	32	ActR-IIB
			•				34	TBR-II

Fig. 6

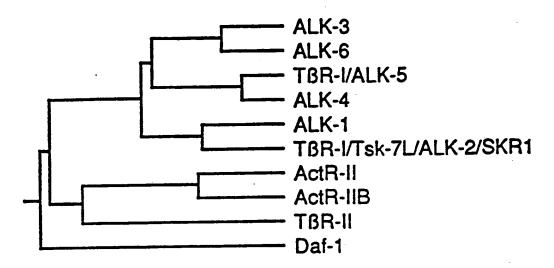


Fig. 7